EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	dan.in. and pitulia.in.	US-PGPUB	OR	OFF	2007/10/11 11:01
L3	61	implant and (sterile near18 packag$4) near10 plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 11:51
L4	1765	(self adj3 tap$4) and (tool device apparatus) and implant$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 11:48
L5	1583	(600/372,373,375,379,383,386, 559).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/11 11:48
L6	1747	(381/60,322,323,324,326,328,329, 331).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/11 11:48
L7	864	(607/55,56,57,65,103,136,137). CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/11 11:48
L8	8	L4 and (L5 L6 L7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 11:48
L9	0	3 and (5 6 7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 11:49
L10	690	(sterile near18 packag$4) near10 plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 11:49

FIG. 24
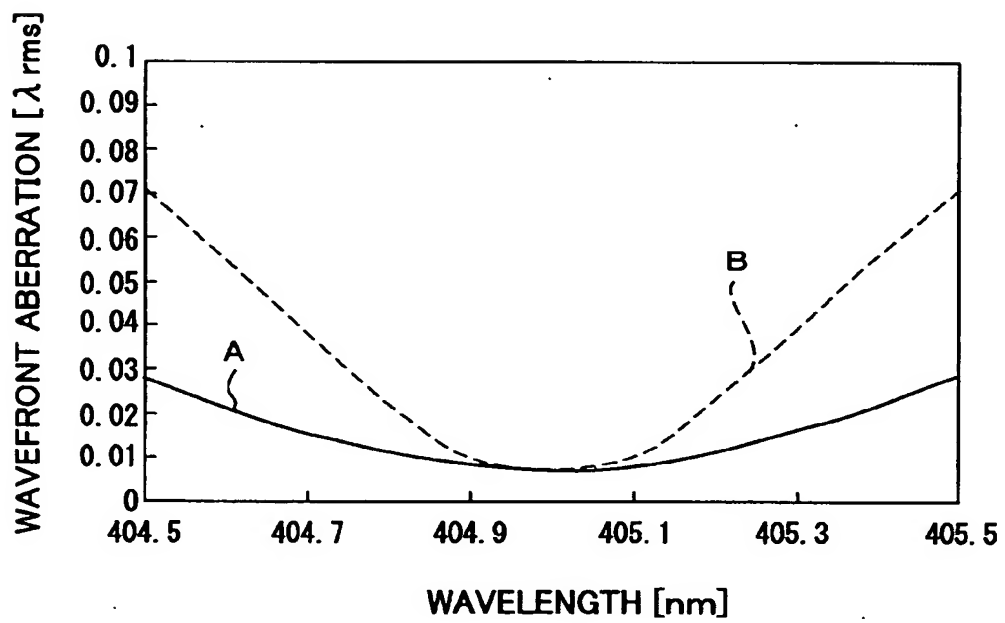
EAST Search History

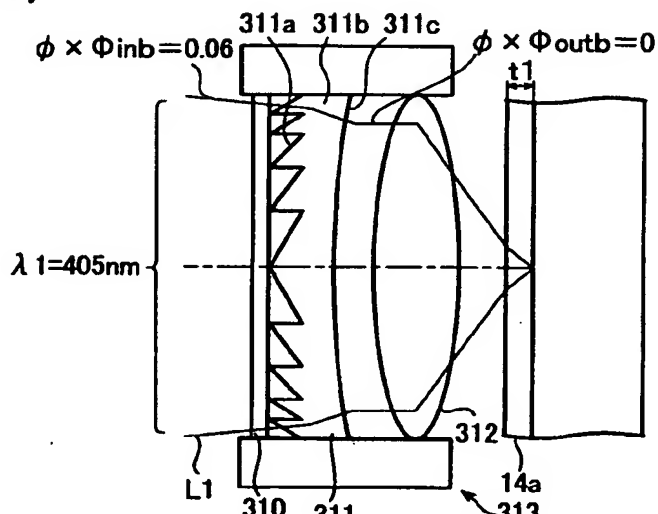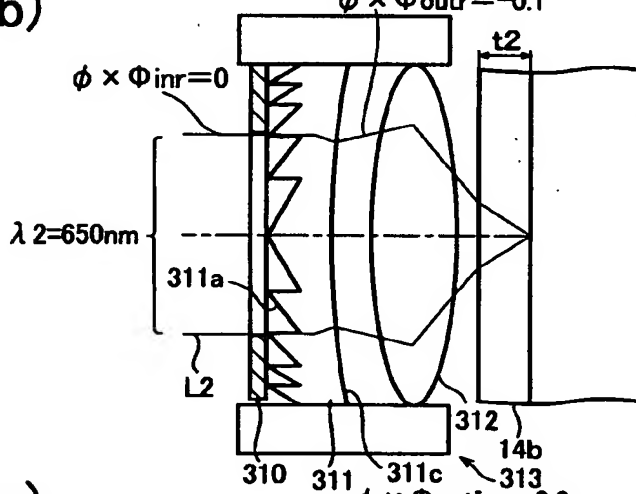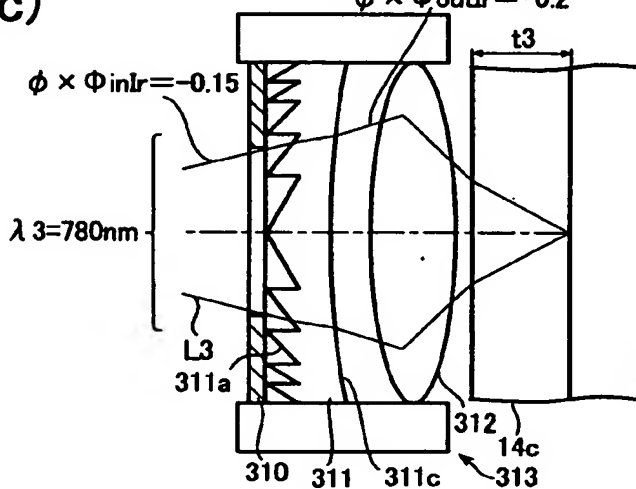|						
L11	0	10 and (5 6 7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 11:49
L12	98	(5 6 7) and sterile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 11:50
L13	7	(5 6 7) and (sterile same plastic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 11:50
L14	58	implant and (sterile near8 packag$4) near10 plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 12:53
L15	2	"6840919".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/11 12:53
S1	1641	(381/60,322,323,324,326,328,329, 331).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/09 12:59
S2	1502	(600/372,373,375,379,383,386, 559).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/27 17:53
S3	808	(607/55,56,57,65,103,136,137). CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/10 12:42
S4	14471687	@ad<="20040526"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/26 12:01
S5	5	(d294295 "4498461" "5735790" "5951601" "20030176866").pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/26 12:14

FIG. 25 (a)

$\phi \times \Phi_{inb} = 0.06$ 311a 311b 311c $\phi \times \Phi_{outb} = 0$

t1

$\lambda 1 = 405nm$

312

L1   310   311   313   14a

FIG. 25 (b)

$\phi \times \Phi_{outr} = -0.1$

$\phi \times \Phi_{inr} = 0$

t2

$\lambda 2 = 650nm$

311a

L2

312

310   311   311c   313   14b

FIG. 25 (c)

$\phi \times \Phi_{outlr} = -0.2$

$\phi \times \Phi_{inlr} = -0.15$

t3

$\lambda 3 = 780nm$

L3
311a

312

310   311   311c   313   14c

EAST Search History

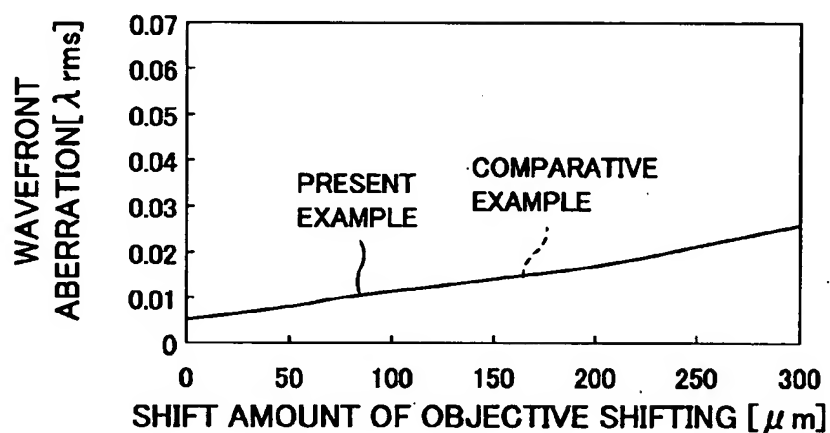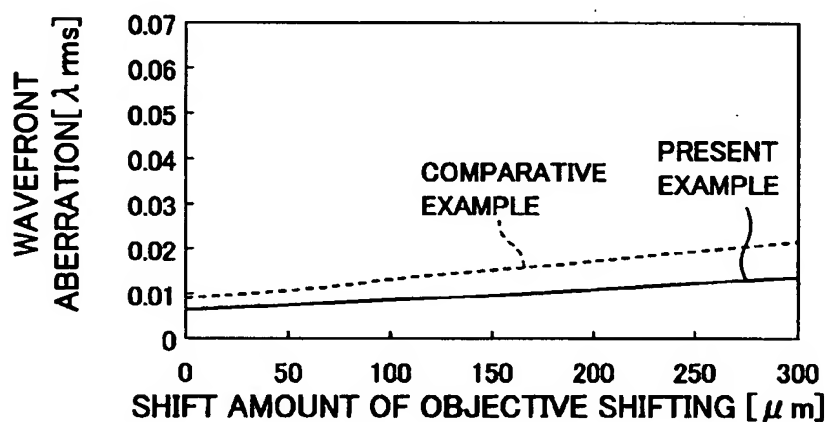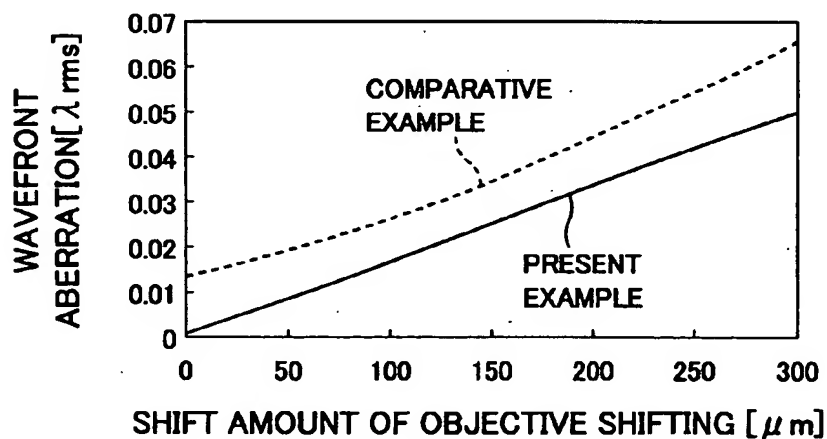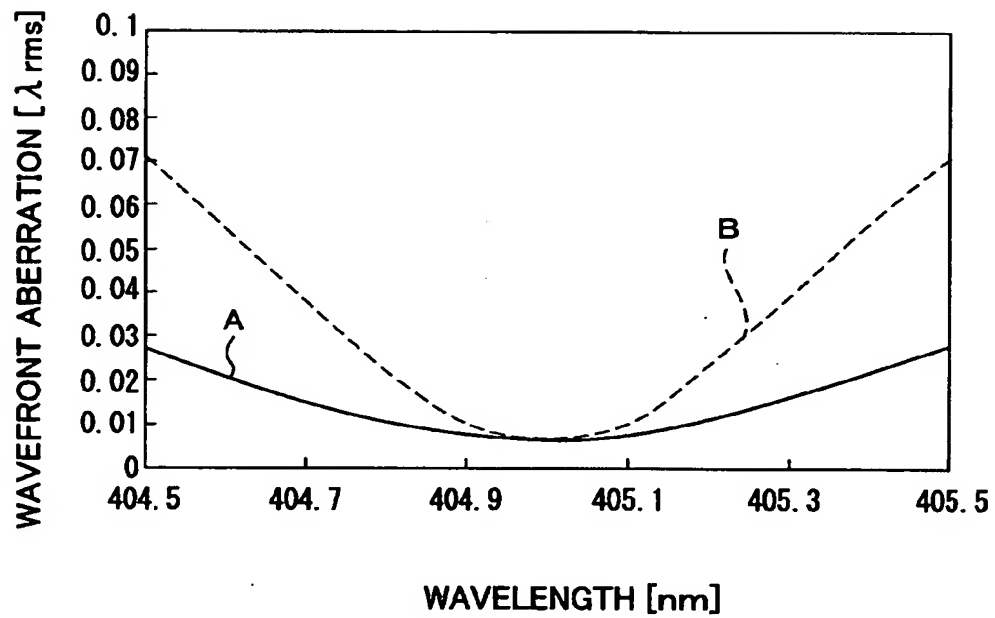|						
S6	69483	(implant$4 anchor$4) and (bone skull)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/26 12:15
S7	2840	(S1 S2 S3) and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/26 12:16
S8	421	S6 and S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/26 12:16
S9	127	S8 and tool	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/26 12:21
S10	77	S8 and extract$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/26 12:25
S11	1	"5395168".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/26 12:25
S12	37	("2544027" | "2659772" | "2910679" | "4852177" | "5022486" | "5048090" | "5101435").PN. OR ("5395168").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:28
S13	0	"for inserting" and S8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:29
S14	0	"for anchoring" and S8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:29
S15	0	"for insertion" and S8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:29
S16	0	"for installing" and S8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:29
S17	6	S8 and (self near2 tap$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:39
S18	7	("4328813" | "4892108" | "5261914" | "5562670").PN. OR ("6053920").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:32
S19	128	S8 and screw$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:39
S20	15	("3602654" | "4006796" | "4834211" | "5002151" | "5395168" | "5483027" | "5682020" | "5742692").PN. OR ("6094494"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:45

FIG. 26 (a)

FIG. 26 (b)

FIG. 26 (c)

EAST Search History

S21	221	(381/326).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/26 12:45
S22	107	S21 and S4	USPAT	OR	OFF	2007/03/26 12:45
S23	4	("20030086583" | "4972488" | "5999632" | "6795562").PN. OR ("7058192").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:46
S24	34	("2702354" | "3736436" | "4281222" | "4524247" | "4591668" | "4597099" | "5085628" | "5146435" | "5148492" | "5303210" | "5329593" | "5452268" | "5624376" | "5624377").PN. OR ("5859916").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:48
S25	39	("4180700" | "4217137" | "4532930" | "4678868" | "4785827" | "4991582" | "5046242" | "5069210" | "5105811" | "5277694" | "5282858" | "5324316" | "5338287" | "5456654" | "5513793" | "5531787" | "5549658" | "5558618" | "5562716" | "5624376" | "5738270" | "5772575" | "5781099" | "5795287" | "5800336" | "5814095" | "5833714" | "5857958" | "5859916" | "5881158" | "5897486" | "5906635" | "5913815" | "5951601" | "5957958" | "6005955").PN. OR ("6537201").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:52
S26	21	("2702354" | "3736436" | "3938615" | "4281222" | "4524247" | "4591668" | "4597099" | "5085628" | "5146435" | "5148492" | "5303210" | "5329593" | "5452268" | "5624376" | "5624377" | "5814095" | "5859916" | "5881158").PN. OR ("6422991").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:55
S27	28	("2121779" | "3239696" | "3858005" | "3868954" | "4012604" | "4056742" | "4150262").PN. OR ("4591668").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF·	2007/03/26 12:55
S28	23	("2161169" | "2995633" | "3594514" | "4314554" | "4467809" | "4498461" | "4606329" | "4612915" | "4665920" | "4774933" | "4982434" | "5033999" | "5190456" | "5318502").PN. OR ("5460593").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:58

FIG. 27

| S29	51	("2402392" | "3209081" | "3712962" | "3764748" | "3870832" | "3882285" | "4052754" | "4150262" | "4284856" | "4338926" | "4352960" | "4357497" | "4388921" | "4419995" | "4498461" | "4532930" | "4541429" | "4606329" | "4612915").PN. OR ("4774933").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:02
S30	30	("1879429" | "2721084" | "3882285" | "4281419" | "4498461" | "4606329" | "4729366" | "4774933" | "4776322" | "4840178" | "4904233" | "4957478" | "4969900" | "4988333" | "5263956").PN. OR ("5702342"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:08
S31	64	("3061689" | "3346704" | "3557775" | "3712962" | "3764748" | "3870832").PN. OR ("4352960"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:10
S32	37	("4352960" | "4726378" | "4726716" | "4848351" | "5058592" | "5095904" | "Re32947").PN. OR ("5545191").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:11
S33	87	("3061689" | "3346704" | "3385937" | "3439128" | "3497637" | "3594514" | "3629521" | "3712962" | "3751605" | "3752939" | "3764748" | "3812300" | "3832580" | "3870832" | "3875932" | "3950719" | "3954101" | "4020298" | "4025734" | "4060701" | "4063048" | "4150262" | "4204135" | "4207441" | "4261372" | "4284085" | "4284921" | "4316115" | "4352960" | "4369391" | "4407389").PN. OR ("4628907"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:55
S34	1	entific.as. and medical.as.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:55
S35	1	entific.as.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:55

FIG. 28

S36	26	(US-20030176866-$).did. or (US-5951601-$ or US-5735790-$ or US-D294295-$ or US-4498461-$ or US-6319020-$ or US-6447448-$ or US-6488616-$ or US-6053920-$ or US-6423067-$ or US-5261914-$ or US-4892108-$ or US-6034295-$ or US-7058192-$ or US-6537201-$ or US-5046242-$ or US-4843628-$ or US-5460593-$ or US-5190456-$ or US-4774933-$ or US-6705985-$ or US-6517476-$ or US-5702342-$ or US-6491622-$ or US-4628907-$ or US-5220918-$).did.	US-PGPUB; USPAT	OR	OFF	2007/03/26 13:57
S37	26	S4 and S36	US-PGPUB; USPAT	OR	OFF	2007/03/26 13:57
S38	4	("20030086583" | "4972488" | "5999632" | "6795562").PN. OR ("7058192").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 14:32
S39	1759	fenestration	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 15:31
S40	3	S37 and (self adj tap$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 15:32
S41	1	"6053920".pn.	USPAT	OR	OFF	2007/03/27 17:19
S42	1504	(600/372,373,375,379,383,386, 559).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/10 12:41
S43	808	(607/55,56,57,65,103,136,137). CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/27 17:53
S44	0	("(23)and(machinenear2driver)"). PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/27 17:53
S45	0	(S42 S43) and (machine near2 driver)	USPAT; EPO; JPO	OR	OFF	2007/03/27 17:54
S46	1266	(machine near2 driver)	USPAT; EPO; JPO	OR	OFF	2007/03/27 17:54
S47	0	S46 and (S42 S43)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/27 17:54
S48	0	S46 and implant	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/27 17:54
S49	131	(S42 S43) and driver	USPAT; EPO; JPO	OR	OFF	2007/03/27 18:10

FIG. 29
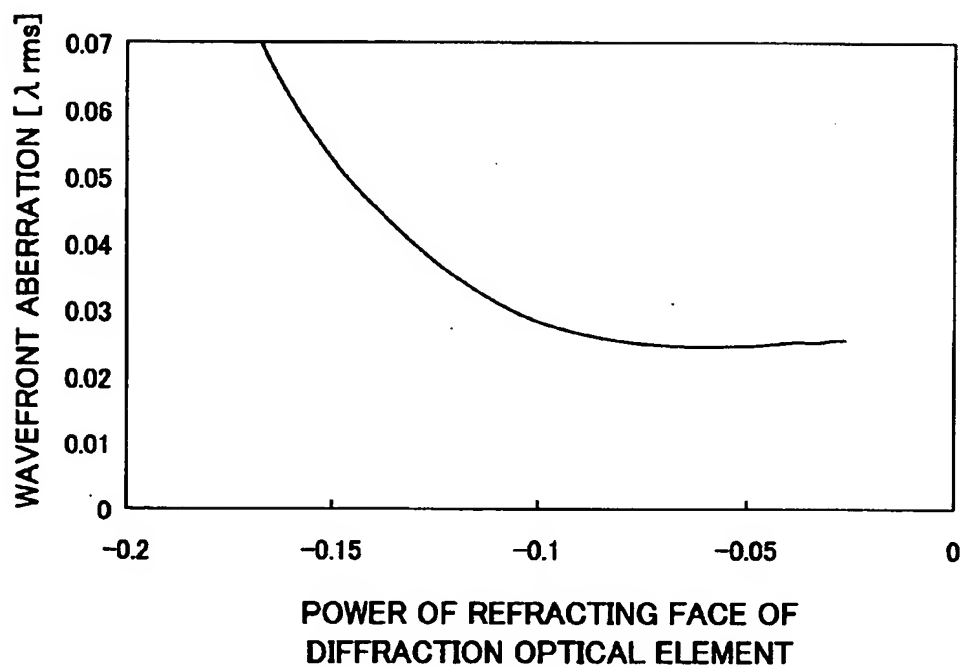
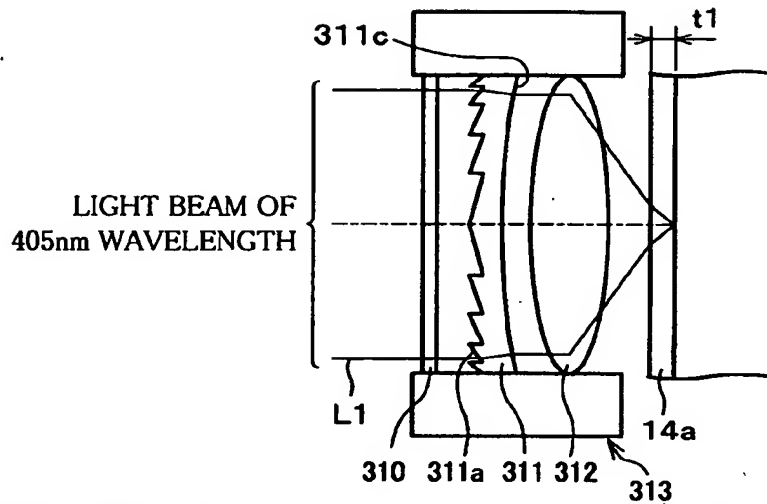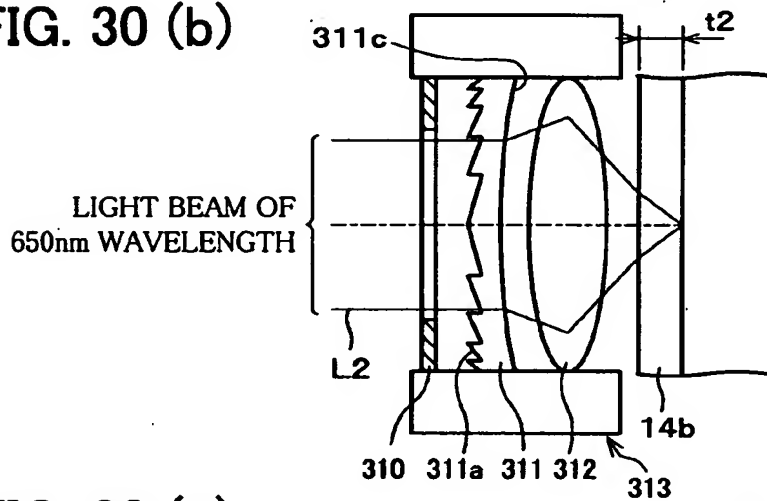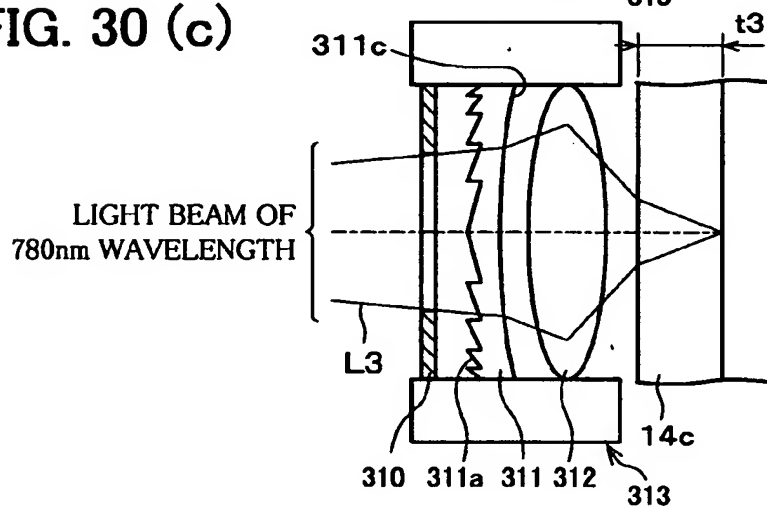| S50	65	(S42 S43) and sterile	USPAT; EPO; JPO	OR	OFF	2007/03/27 18:11
S51	0	(S42 S43) and (sterile near3 titanium)	USPAT; EPO; JPO	OR	OFF	2007/03/27 18:11
S52	3	(S42 S43) and (sterile same titanium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/27 18:12
S53	14	(sterile near5 packaging) same titanium	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/27 18:22
S54	3	("5987344" "6802839" "6053920").pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/03/27 18:24
S55	1	"6491622".pn.	USPAT	OR	OFF	2007/10/01 13:48
S56	5392	implant$4 near10 tool	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 12:58
S57	1746	(381/60,322,323,324,326,328,329, 331).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/10 12:41
S58	1	S56 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:13
S59	9	S57 and (bone and (hearing near3 aid) and (implant near5 (tool device)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:13
S60	1417570	(install$5 implant$4) and (tool device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:12

FIG. 30 (a)

311c

t1

LIGHT BEAM OF
405nm WAVELENGTH

L1

310 311a 311 312

313

14a

FIG. 30 (b)

311c

t2

LIGHT BEAM OF
650nm WAVELENGTH

L2

310 311a 311 312

313

14b

FIG. 30 (c)

311c

t3

LIGHT BEAM OF
780nm WAVELENGTH

L3

310 311a 311 312

313

14c

EAST Search History

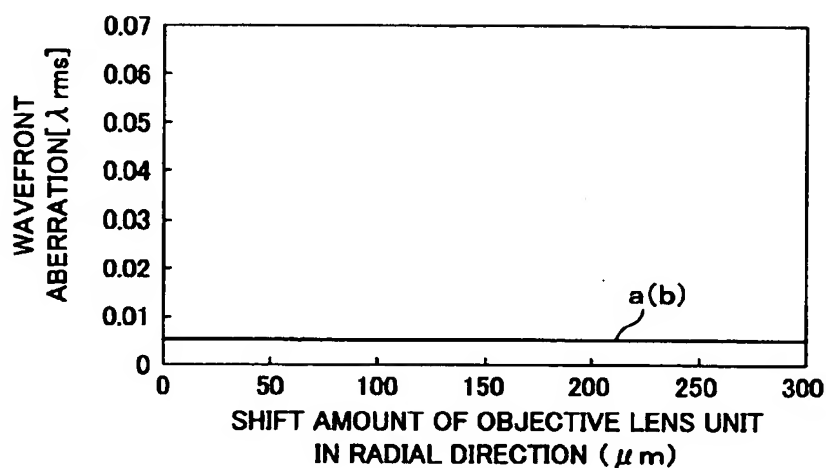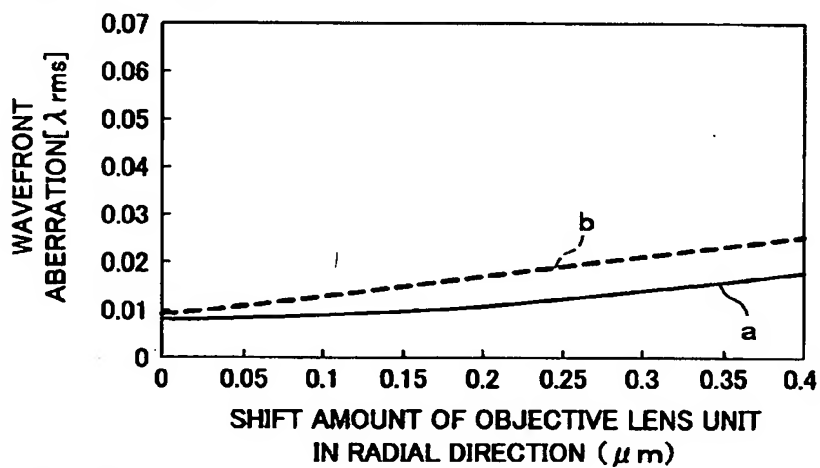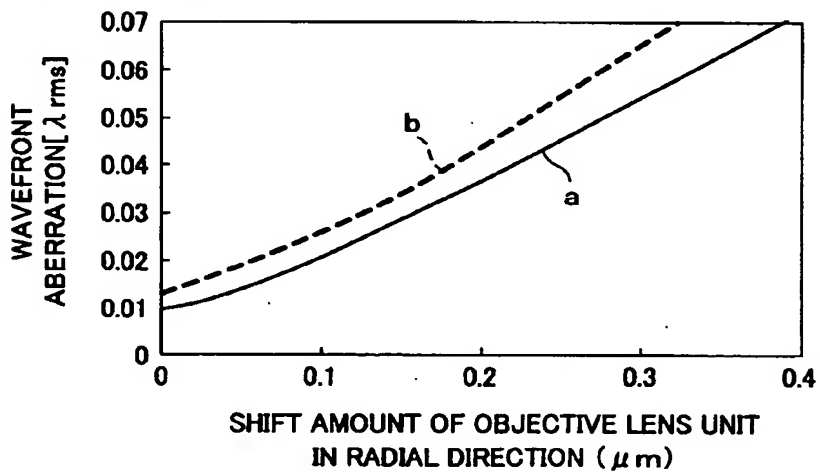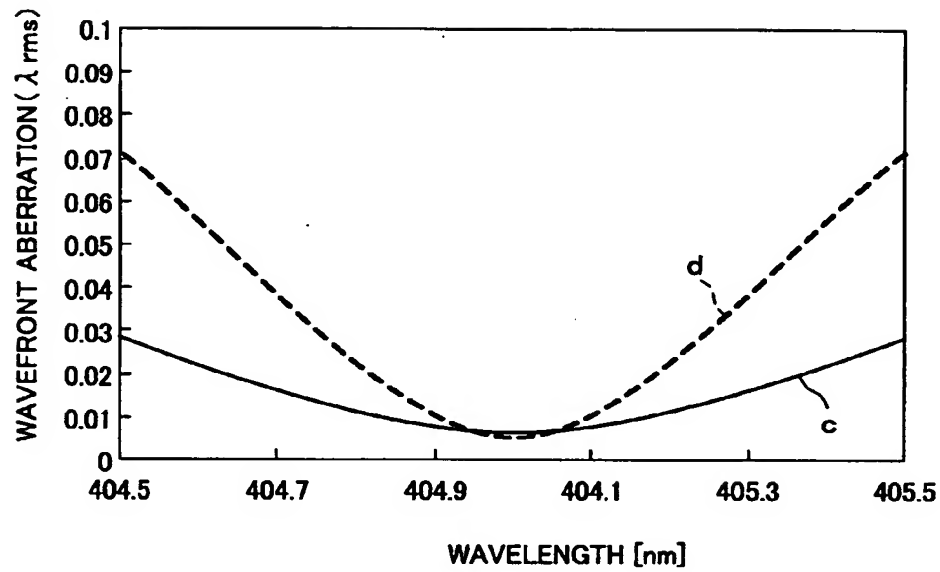| S61	1972	S60 and (pre adj3 mount$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:12
S62	0	S61 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:13
S63	10	S61 and (bone and (hearing near3 aid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:13
S64	10	S63 not S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 13:14
S65	12	("3870832" | "3995644" | "4025964" | "4328813" | "4495917" | "4629451" | "4874316" | "5507303" | "5562670" | "5604976" | "6080134" | "6473654").PN. OR ("6840919").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/10 11:21
S66	29	("4495917").URPN.	USPAT	OR	OFF	2007/10/10 12:35
S67	38	("4328813").URPN.	USPAT	OR	OFF	2007/10/10 12:40
S68	1764	(self adj3 tap$4) and (tool device apparatus) and implant$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 12:41
S69	1580	(600/372,373,375,379,383,386,559).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/10 12:41
S70	1746	(381/60,322,323,324,326,328,329,331).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/10 12:41

FIG. 31 (a)

WAVEFRONT ABERRATION[λ rms]

SHIFT AMOUNT OF OBJECTIVE LENS UNIT IN RADIAL DIRECTION (μm)

FIG. 31 (b)

WAVEFRONT ABERRATION[λ rms]

SHIFT AMOUNT OF OBJECTIVE LENS UNIT IN RADIAL DIRECTION (μm)

FIG. 31 (c)

WAVEFRONT ABERRATION[λ rms]

SHIFT AMOUNT OF OBJECTIVE LENS UNIT IN RADIAL DIRECTION (μm)

S71	863	(607/55,56,57,65,103,136,137).CCLS.	US-PGPUB;USPAT;EPO; JPO	OR	OFF	2007/10/10 12:42
S72	8	S68 and (S69 S70 S71)	US-PGPUB;USPAT;USOCR;FPRS;EPO; JPO;DERWENT;IBM_TDB	OR	OFF	2007/10/11 11:48

FIG. 32

S73	139	("1129333" | "3017887" | "3055370" | "3135263" | "3223087" | "3402710" | "3444861" | "3457922" | "3460537" | "3508552" | "3760811" | "4040427" | "4230117" | "4265252" | "4328813" | "4341220" | "4345606" | "4350159" | "4386602" | "4463758" | "4475550" | "4579120" | "4598708" | "4608977" | "4617925" | "4618978" | "4629451" | "4638798" | "4699616" | "4706665" | "4733661" | "4805615" | "4805634" | "4809694" | "4826487" | "4883053" | "4955891" | "4991579" | "4998938" | "5006122" | "5027818" | "5030223" | "5050608" | "5054497" | "5057084" | "5078140" | "5080662" | "5116345" | "5154723" | "5163430" | "5186174" | "5201742" | "5207223" | "5207688" | "5222499" | "5230623" | "5246448" | "5257998" | "5263939" | "5263956" | "5269305" | "5279309" | "5279575" | "5300080" | "5330485" | "5354283" | "5361763" | "5366446" | "5373588" | "5375588" | "5380302" | "5383454" | "5387220" | "5452720" | "5464446" | "5474564" | "5483961" | "5494034" | "5517990" | "5572999" | "5575798" | "5618288" | "5622170" | "5643286" | "5658272" | "5662600" | "5667514" | "5695501" | "5713858" | "5776064" | "5776144" | "5810712" | "5817106" | "5833627" | "5843150" | "5851183" | "5865842" | "5871445" | "5873822" | "5891034" | "5891157" | "5927277" | "5954687" | "5957934" | "5980535" | "5984930" | "5993463" | "6006126" | "6021343" | "6044304" | "6071288" | "6076008" | "6110182" | "6117143" | "6120465" | "6179826" | "6210417" | "6236875" | "6254532" | "6261300" | "6290644" | "6298262" | "6321104" | "6356792" | "6482182").PN. OR ("6609020").PN. OR ("6902569").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/10 13:51

FIG. 33 (a)

311c

t1

LIGHT BEAM OF
405nm WAVELENGTH

L1

14a

310   311a   311   312   313

FIG. 33 (b)

311c

t2

LIGHT BEAM OF
650nm WAVELENGTH

L2

14b

310   311a   311   312   313

FIG. 33 (c)

311c

t3

LIGHT BEAM OF
780nm WAVELENGTH

L3

14c

310   311a   311   312   313

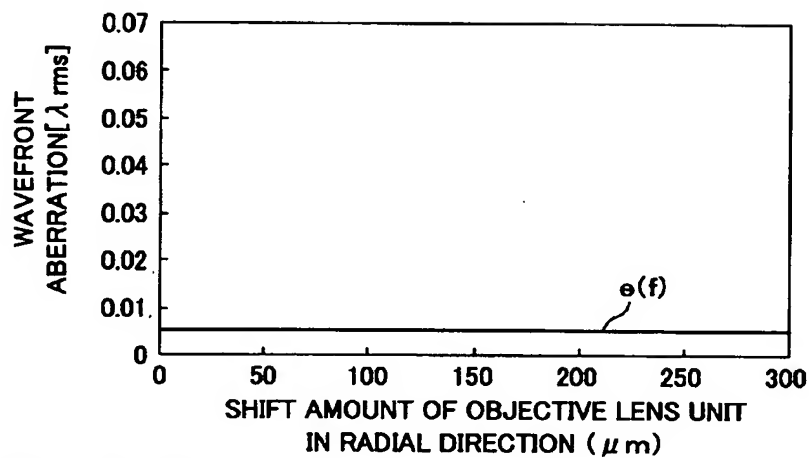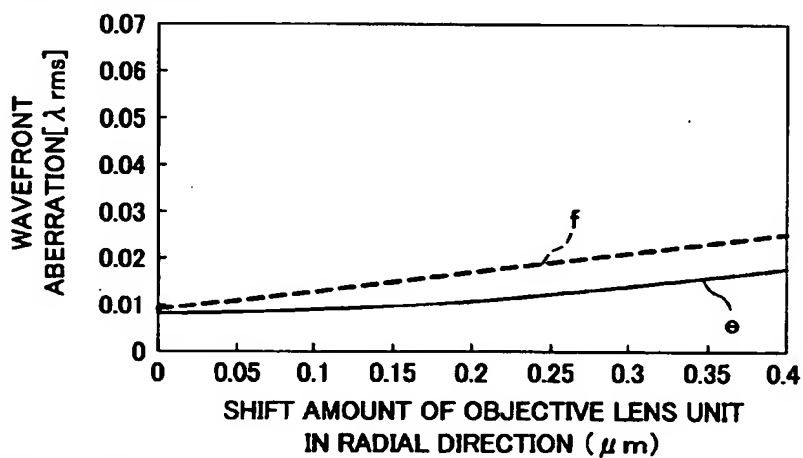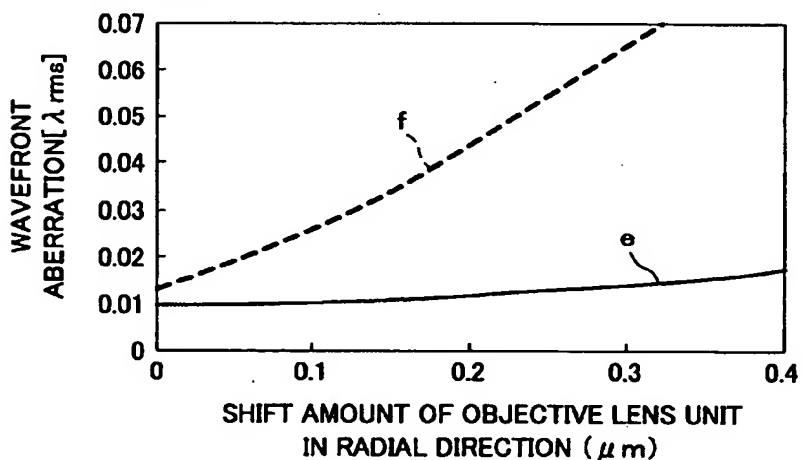| S74	52	(606/109).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 13:56
S75	0	("10and(boneskull)").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 13:56
S76	7	S74 and(bone skull)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 13:56

FIG. 34 (a)

FIG. 34 (b)

FIG. 34 (c)

S77	91	("4328813" | "4506676" | "4583538" | "4602622" | "4608977" | "4638798" | "4673352" | "4686997" | "4723544" | "4727565" | "4733661" | "4805615" | "4809694" | "4841967" | "4875478" | "4931056" | "4952214" | "4955891" | "5047036" | "5078140" | "5078142" | "5116345" | "5186174" | "5198877" | "5230623" | "5257998" | "5261404" | "5279309" | "5305203" | "5309913" | "5370623" | "5383454" | "5389101" | "5399146" | "5402801" | "5447154" | "5464446" | "5483961" | "5494034" | "5515160" | "5517990" | "5531227" | "5531520" | "5551429" | "5568809" | "5572999" | "5588430" | "5603318" | "5617857" | "5622170" | "5630431" | "5638819" | "5647361" | "5662111" | "5676673" | "5682886" | "5695500" | "5695501" | "5711299" | "5713847" | "5748767" | "5749362" | "5755725" | "5772594" | "5795294" | "5799055" | "5800535" | "5823958" | "5833608" | "5834759" | "5836954" | "5843150" | "5848967" | "5851183" | "5865842" | "5868675" | "5871445" | "5871487" | "5891157" | "5904691" | "5920395" | "5921992" | "6152933" | "6321104").PN. OR ("6482182").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/10 14:43

FIG. 35